

IFW 18

## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

| APPLICATION NUMBER | FILING OR 371 (c) DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NUMBER |
|--------------------|------------------------|-----------------------|------------------------|
| 10/782,771         | 02/23/2004             | James L. Richards     | 28549-200874           |

CONFIRMATION NO. 6819

26694

VENABLE, BAETJER, HOWARD AND CIVILETTI, LLP  
P.O. BOX 34385  
WASHINGTON, DC 20043-9998

## FORMALITIES LETTER



\*OC000000015156933\*

Date Mailed: 02/10/2005

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

05/10/2005 SZEWDIE1 00000003 220261 10782771

FILED UNDER 37 CFR 1.53(b)

01 FC:2201 300.00 DA  
02 FC:2051 65.00 DA

Filing Date Granted

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

The applicant needs to satisfy supplemental fees problems indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Additional claim fees of **\$600** as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is **\$730** for a Large Entity

- **\$130** Late oath or declaration Surcharge.
- Total additional claim fee(s) for this application is **\$600**
  - **\$600** for 3 independent claims over 3.

Replies should be mailed to: Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

---

*A copy of this notice **MUST** be returned with the reply.*

Z. Moguss  
Customer Service Center  
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

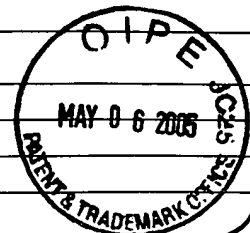
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**FEE TRANSMITTAL  
for FY 2005**

Patent fees are subject to annual revision.

**Complete if Known**

|                      |                   |
|----------------------|-------------------|
| Application Number   | 10/782,771        |
| Filing Date          | February 23, 2004 |
| First Named Inventor | James L. Richards |
| Examiner Name        | To be assigned    |
| Group / Art Unit     | 2631              |
| Attorney Docket No.  | 28549-200874      |

**TOTAL AMOUNT OF PAYMENT (\$)** 425**METHOD OF PAYMENT (check one)**

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit  
Account  
Number

22-0261

Deposit  
Account  
Name

VENABLE LLP

- ☒ Charge Any Additional Fee Required  
Under 37 CFR 1.16 and 1.17
- ☒ Applicant claims small entity status.  
See 37 CFR 1.27

- 2.
- ☐
- Payment Enclosed:

☐ Check ☐ Credit card ☐ Money  
Order ☐ Other

**FEE CALCULATION****1. BASIC FILING FEE**

| Large<br>Fee<br>Code | Entity<br>Fee<br>(\$) | Small<br>Fee<br>Code | Entity<br>Fee<br>(\$) | Fee Description            | Fee Paid |
|----------------------|-----------------------|----------------------|-----------------------|----------------------------|----------|
| 1001                 | 1000                  | 2001                 | 500                   | Utility Filing/Search/Exam | 0        |
| 1002                 | 430                   | 2002                 | 215                   | Design Filing/Search/Exam  |          |
| 1003                 | 660                   | 2003                 | 330                   | Plant Filing/Search/Exam   |          |
| 1004                 | 1400                  | 2004                 | 700                   | Reissue Filing/Search/Exam |          |
| 1005                 | 200                   | 2005                 | 100                   | Provisional Filing         |          |

**SUBTOTAL (1)**

(\$ 0)

**2. EXTRA CLAIM FEES**

| Total Claims          | Extra<br>Claims | Fee from<br>below | Fee<br>Paid |
|-----------------------|-----------------|-------------------|-------------|
| 0                     | -20 **          | 0                 | 0           |
| 6                     | -3 **           | 3                 | 300         |
| Multiple<br>Dependent |                 |                   | 0           |

| Large<br>Fee<br>Code | Entity<br>Fee<br>(\$) | Small<br>Fee<br>Code | Entity<br>Fee<br>(\$) | Fee Description  |
|----------------------|-----------------------|----------------------|-----------------------|--|
| 1202                 | 50                    | 2202                 | 25                    | Claims in excess of 20                                     |
| 1201                 | 200                   | 2201                 | 100                   | Independent claims in excess of 3                          |
| 1203                 | 360                   | 2204                 | 180                   | Multiple dependent claim, if not paid                      |
| 1204                 | 200                   | 2204                 | 100                   | ** Reissue independent claims over original patent         |
| 1205                 | 50                    | 2205                 | 25                    | ** Reissue claims in excess of 20 and over original patent |

**SUBTOTAL (2)**

(\$ 300)

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)**

| Large<br>Entity<br>Fee<br>Code | Large<br>Entity<br>Fee<br>(\$) | Small<br>Entity<br>Fee<br>Code | Small<br>Entity<br>Fee<br>(\$) | Fee Description  | Fee<br>Paid |
|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--|-------------|
| 1051                           | 130                            | 2051                           | 65                             | Surcharge - late filing fee or oath  | 65          |
| 1052                           | 50                             | 2052                           | 25                             | Surcharge - late provisional filing fee or cover sheet.                    |             |
| 1053                           | 130                            | 1053                           | 130                            | Non-English specification  |             |
| 1812                           | 2,520                          | 1812                           | 2,520                          | For filing a request for reexamination                                     |             |
| 1804                           | 920*                           | 1804                           | 920*                           | Requesting publication of SIR prior to Examiner action                     |             |
| 1805                           | 1,840*                         | 1805                           | 1,840*                         | Requesting publication of SIR after Examiner action                        |             |
| 1251                           | 120                            | 2215                           | 60                             | Extension for reply within first month                                     | 60          |
| 1252                           | 450                            | 2252                           | 225                            | Extension for reply within second month                                    |             |
| 1253                           | 1020                           | 2253                           | 510                            | Extension for reply within third month                                     |             |
| 1254                           | 1,590                          | 2254                           | 795                            | Extension for reply within fourth month                                    |             |
| 1255                           | 2160                           | 2255                           | 1080                           | Extension for reply within fifth month                                     |             |
| 1401                           | 500                            | 2401                           | 250                            | Notice of Appeal   |             |
| 1402                           | 500                            | 2402                           | 250                            | Filing a brief in support of an appeal                                     |             |
| 1403                           | 1000                           | 2403                           | 500                            | Request for oral hearing   |             |
| 1451                           | 1,510                          | 1451                           | 1,510                          | Petition to institute a public use proceeding                              |             |
| 1452                           | 500                            | 2452                           | 250                            | Petition to revive - unavoidable   |             |
| 1453                           | 1,500                          | 2453                           | 750                            | Petition to revive - unintentional   |             |
| 1501                           | 1,400                          | 2501                           | 700                            | Utility issue fee (or reissue)   |             |
| 1502                           | 800                            | 2502                           | 400                            | Design issue fee   |             |
| 1503                           | 1100                           | 25403                          | 550                            | Plant issue fee  |             |
| 1460                           | 130                            | 1460                           | 130                            | Petitions to the Commissioner  |             |
| 1807                           | 50                             | 1807                           | 50                             | Processing fee under 37 CFR 1.17 (q)                                       |             |
| 1808                           | 180                            | 1808                           | 180                            | Submission of Information Disclosure Stmt                                  |             |
| 8021                           | 40                             | 8021                           | 40                             | Recording each patent assignment per property (times number of properties) |             |
| 1809                           | 770                            | 2809                           | 385                            | Filing a submission after final rejection (37 CFR § 1.129(a))              |             |
| 1810                           | 770                            | 2810                           | 385                            | For each additional invention to be examined (37 CFR § 1.129(b))           |             |
| 1801                           | 790                            | 2801                           | 395                            | Request for Continued Examination (RCE)                                    |             |
| 1802                           | 900                            | 1802                           | 900                            | Request for expedited examination of a design application                  |             |

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)**

(\$ 125)

**SUBMITTED BY****Complete (if applicable)**

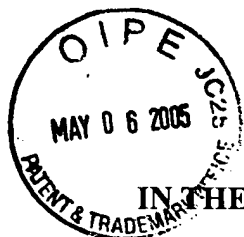
|                   |                  |                                  |        |           |                |
|-------------------|------------------|----------------------------------|--------|-----------|----------------|
| Name (Print/Type) | Robert S. Babavi | Registration No. Attorney/Agent) | 33,471 | Telephone | (202) 344-4000 |
| Signature         |                  |                                  |        | Date      | 5/6/05         |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

SEND TO: Commissioner for Patents, Mail Stop Patent Application, Alexandria, VA 22313-1450.

PC Docs No. ::ODMA\PCDOCS\DC2DOCS\1646521\1

**VENABLE**  
ATTORNEYS AT LAW



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: **James L. Richards** )  
Serial No. **10/782,771** ) Group Art Unit: 2631  
Filing Date: **February 23, 2004** ) Examiner: **To be assigned**  
For: **SYSTEM AND METHOD FOR** ) Customer No.  
**ESTIMATING SEPARATION** ) **26694**  
**DISTANCE BETWEEN IMPULSE** ) PATENT TRADEMARK OFFICE  
**RADIOS USING IMPULSE SIGNAL** )  
**AMPLITUDE** )  
Atty. Docket No. **28549-200874** )

May 6, 2005

**RESPONSE TO NOTICE TO FILE MISSING PARTS**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Attention: Mail Stop Missing Parts

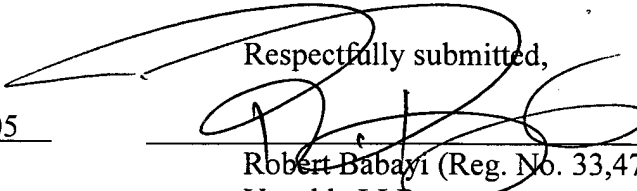
Sir:

In response to the Notice to File Missing Parts of Nonprovisional Application dated February 10, 2005, a copy of which is enclosed, Applicant submits herewith an executed Declaration and Power of Attorney and a petition for a one-month extension of time.

Please charge the required fees to deposit account 22-0261. A Fee Transmittal is enclosed.

Respectfully submitted,

Date: May 6, 2005

  
Robert Babayi (Reg. No. 33,471)  
Venable LLP  
P.O. Box 34385  
Washington, D.C. 20043-9998  
Tel.: (202)-344-4000  
Telefax: (202)-344-8300